

Leo Romanovsky

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OBJECTIVE

Seeking summer internship in the field of software engineering with an interest in working with high performance computing and large datasets, available May 2008

EDUCATION

Purdue University, College of Engineering **West Lafayette, IN**
Bachelor of Science, Computer Engineering (BSCE) **December 2008**

- GPA: 3.07 / 4.00
- **Relevant Coursework:** Artificial Intelligence, ASIC Design, Microcontroller Design and Interfacing, Software Engineering
- **Relevant Projects:** Musical Keyboard [Embedded Programming and Microcontroller Design] – Software Lead, Fall 2007

PROFESSIONAL EXPERIENCE

Boeing Company (Integrated Defense Systems) **Mesa, AZ**
Software Engineering Intern **(part-time) August 2007 - Present**
Apache Helicopter – Block III Project **(full-time) May 2007 – August 2007**

- Lead design and development of requirements management software whose function linked customer requirements to engineering teams tasked to fulfill them and produced prescriptions to remediate incomplete relationships
- Guided extension of the project to an enterprise-wide solution
- Integrated AJAX, Python, and Oracle database technologies to create a dynamic web-enabled application

C-SPAN (Archives Division) **West Lafayette, IN**
Software Engineering Intern **January 2007 – May 2007**

- Initiated design of software to allow internet visitors streaming access to over twenty years of political video archives
- Improved existing database performance through normalization and instituted proper relational architecture
- Conducted research into congressional voting patterns through custom analytics software
- Development accomplished with PHP and JavaScript languages, supported by MySQL databases

Small Business Owner and Freelance Software Developer **May 2005 – Present**

- Established and operated firm offering information technical services for small and medium sized businesses
- Focused on software development, web design, and IT support
- Managed financial and legal issues involving business operation as well as advertising and marketing

Northwestern University **Evanston, IL**
Teaching Assistant (Computer Science) **June 2005 – August 2005**

- Independently composed and delivered two course lectures, administered study halls and graded student assignments in an introductory computer science course

LEADERSHIP

EPICS (Engineering Projects in Community Service) - Greater Lafayette Special Preschool Services **West Lafayette, IN**
Project Leader and Recruitment Manager (ESAC) **August 2007 - Present**

- EPICS is an engineering design program that operates in a service-learning context wherein students participate in design teams that solve technology-based problems for not-for-profit organizations in the local community
- Lead GLASS-PS Floor Pads Project which served a preschool classroom of students with disabilities
- Managed project life cycle and made technical contributions in microcontroller interfacing and embedded software programming to complete the Floor Pads Project
- Recruited student members to replace outgoing seniors through directed advertising and
- Leveraged unique strengths of a diverse group of engineering students to integrate technologies into the final product

TECHNICAL PROFICIENCIES

| Programming Languages | Development Software | Operating Systems | Database Systems |
|---|--|---|---|
| <ul style="list-style-type: none">▪ C, C++, Java, Python▪ Scheme, Lisp▪ Javascript/XHTML▪ VHDL | <ul style="list-style-type: none">▪ MS Visual Studio▪ Eclipse▪ MATLAB▪ ModelSim | <ul style="list-style-type: none">▪ Windows XP/Vista▪ Mac OSX▪ Linux▪ Unix/Solaris | <ul style="list-style-type: none">▪ MS SQL▪ Oracle▪ MySQL |

ADDITIONAL INFORMATION

Languages: English (fluent), Russian (fluent), Spanish (conversational)
United States Citizen